

FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT  
(Use several sheets if necessary)  
(Page 1 of 4)

ATTY. DOCKET NO.: SU-7155-A

SERIAL NO.: 89/778228

APPLICANT: JONATHAN N. HOWARTH ET AL.

FILING DATE: HEREWITH

GROUP:

REFERENCE DESIGNATION

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	AB	2	1	3	0	8	0	5	9/38	Levine	210	28	
M	AC	2	3	9	2	5	0	5	1/46	Rogers	260	309.5	
	AD	2	3	9	8	5	9	8	4/46	Rogers	260	309.5	
	AE	2	7	7	9	7	6	4	1/57	Paterson	260	309.5	
	AF	2	7	9	5	5	5	6	6/57	Quinn	252	187	
	AG	2	8	6	8	7	8	7	1/59	Paterson	260	248	
	AH	2	9	2	0	9	9	7	1/60	Wolf et al.	167	33	
	AI	2	9	7	1	9	5	9	2/61	Waugh et al.	260	309.5	
	AJ	2	9	7	1	9	6	0	2/61	Waugh et al.	260	309.5	
	AK	3	1	2	1	7	1	5	2/64	Waugh et al.	260	248	
	AL	3	1	4	7	2	5	9	9/64	Paterson	260	248	
	AM	3	3	4	5	3	7	1	10/67	Paterson	260	192	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
M	AN	1	2	3	0	8	2	5	12/87	Canada				
M	AO	2	0	4	2	4	3	0	11/91	Canada				
M	AP	2	1	6	3	5	9	6	9/96	Canada				
M	AQ	0	2	0	6	7	2	5	12/86	EPO				
M	AR	0	2	2	8	5	9	3	7/87	EPO				
M	AS	0	5	8	1	8	2	6	9/95	EPO				

OTHER ENCLOSED DOCUMENTS

M	AT		Corral et al., "Substitution in the Hydantoin Ring. III. Halogenation", J. Org. Chem., 1963, Vol. 28, ppg. 1100-1104.
	AU		Jolles, "General Methods of Bromination", Bromine and its Compounds, 1966, Ernest Benn, London, ppg. 365.
	AV		Markish et al., "New Aspects on the Preparation of 1,3-Dibromo-5,5-Dimethylhydantoin", Ind. Eng. Chem. Res. 1995, Vol. 34, ppg. 2125-2127.
	AW		Orazi et al., "Halogenacion con 3-Bromo-5,5-Dimetil-Hidantoina", Anales Assoc. Quim. Argentina, 1949, Vol. 37, ppg. 192-196. (Not translated)
	AX		Orazi et al., "Halogenacion Con 1-3-Dibromo-5,5-Dimetil-Hidantoina", Anales Assoc. Quim. Argentina, 1950, Vol. 38, ppg. 5-11. (Not translated)
	AY		
	AZ		

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DATE CONSIDERED

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	CB	4	7	
	CC	4	8	
	CD	4	8	
	CE	4	9	
	CF	4	9	
	CG	5	3	
	CH	5	3	
	CI	5	4	
	CJ	5	5	
	CK	5	5	
	CL	5	5	
	CM	5	6	
	CN	5	6	
	CO	5	6	
	CP	5	6	
	CQ	5	7	
	CR	5	7	
	CS	5	7	

	CT	8	9	
	CU	9	6	
	CV	9	7	
	CW	9	7	

OTHER ENCLOSED DOCUMENTS

	CX		Cho
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	CY		Kry
	CZ		Pett
			PPG

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REFERENCE DESIGNATION U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BB	4 0 7 8 0 9 9	3/78	Mazzola	427	213	
	BC	4 1 2 6 7 1 7	11/78	Mazzola	427	220	
	BD	4 1 3 6 0 5 2	1/79	Mazzola	252	94	
	BE	4 2 4 2 2 1 6	12/80	Daugherty et al.	252	103	
	BF	4 3 2 7 1 5 1	4/82	Mazzola	428	407	
	BG	4 4 2 7 6 9 2	1/84	Girard	424	273 R	
	BH	4 4 6 5 8 3 9	8/84	Schulte et al.	548	310	
	BI	4 5 3 2 3 3 0	7/85	Cole	548	311	
	BJ	4 5 3 7 6 9 7	8/85	Girard	252	90	
	BK	4 5 6 0 7 6 6	12/85	Girard et al.	548	311	
	BL	4 5 7 1 3 3 3	2/86	Hsiao et al.	424	22	
	BM	4 5 9 7 9 4 1	7/86	Bottom et al.	422	37	
	BN	4 6 2 1 0 9 6	11/86	Cole	514	389	
	BO	4 6 5 4 4 2 4	3/87	Girard et al.	548	311	
	BP	4 6 7 7 1 3 0	6/87	Puzig	514	389	
	BQ	4 6 9 8 1 6 5	10/87	Theyson	210	755	
	BR	4 7 1 3 0 7 9	12/87	Chun et al.	8	101	
	BS	4 7 2 8 4 5 3	3/88	Choy	252	91	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BT	1 0 5 4 2 4 3	1/67	Great Britain			
	BU	2 2 7 3 1 0 6	6/94	Great Britain			
	BV						

OTHER ENCLOSED DOCUMENTS

	BW	March, "Advanced Organic Chem.", 1992, 4 <sup>th</sup> Edition, ppg. 639-640
	BX	HCAPLUS Abstract of JP 07171576 A2 issued 1995.
	BY	HCAPLUS Abstract of JP 07277912 A2 issued 1995.
	BZ	HCAPLUS Abstract of JP 08027119 A2 issued 1996.

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M	DB	5	7	8	0	6	4	1	7/98	Yerushalmi et al.	548	320.5	
M	DC	5	8	5	9	0	6	0	1/99	Platt	514	569	
M	DD	5	9	4	2	1	5	3	8/99	Heydel	252	187.33	
M	DE	5	9	5	8	8	5	3	9/99	Watanabe	510	192	
M	DF	5	9	7	2	8	6	4	10/99	Counts	510	192	
M	DG	5	9	8	1	4	6	1	11/99	Counts et al.	510	365	
	DH												
	DI												
	DJ												
	DK												

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	DL													
	DM													
	DN													

OTHER ENCLOSED DOCUMENTS

M	DO		HCAPLUS Abstract of JP 08239699 A2 issued 1996.
M	DP		HCAPLUS Abstract of JP 09087684 A2 issued 1997.
M	DQ		HCAPLUS Abstract of JP 09227317 A2 issued 1997.
M	DR		United States Code of Federal Regulations, 40 CFR § 156.10, (visited February 5, 2001) < <a href="http://www.access.gpo.gov/nara/cfr/waisidx_00/40cfr156_00.html">http://www.access.gpo.gov/nara/cfr/waisidx_00/40cfr156_00.html</a> > 9 pages.
	DS		
	DT		
	DU		

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8/3/02

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1	A...	2
2	REM	11

Total number of pages: 13

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